

INCIDENT OBJECTIVES	1. Incident Name CAVITY LAKE FIRE	2. Date 7/18/2006	3. Time 2000 hrs									
4. Operational Period DAY SHIFT												
5. General Control Objectives for the Incident (include alternatives) INCIDENT OBJECTIVES: <ol style="list-style-type: none"> 1. Safety of all assigned personnel. We will fully implement LCES and adhere to Forest blowdown procedures. 2. Safety of local residents, and visitors to the Forest. Coordinate with the County Sheriff and local EMS. 3. Keep the public well informed with daily updates. Issue press releases and conduct local informational meetings. 4. Minimize impact on the wilderness. Tactics will incorporate wilderness management objectives and are appropriate for resource concerns. 5. Primary suppression objective is to keep the fire inside the BWCAW and protect structures on the upper Gunflint Trail. 6. Implement cost effective strategies within the limits determined by the WFSA. 7. The Incident will have initial attack responsibilities within the boundary of the Cavity Lake wildland TFR in coordination with the Forest. 												
6. Weather Forecast for Period TODAY: Partly cloudy; temps around 84; RH mid 30-35%; wind SW at 10 MPH increasing to 12-16 MPH during the AM, gusts to 20-25 mph with wind becoming west late in the day; 30% chance of thunderstorms. TONIGHT: Partly cloudy; temps 53-58; RH 90%; wind West 10-15 becoming NW 5-10 MPH. THURSDAY: Breezy; cooler, partly cloudy; temps 76-80; RH 28-33%; wind NW 10-15 w/gusts to 20 MPH.												
7. General Safety Message Review Safety message attached to the plan. Major Risks: Hazard trees; Driving; Fire Behavior; Limited Communications. WATCH OUT SITUATION – No communication link with crew members/supervisor												
8. Attachments (mark if attached)												
<table border="0"> <tr> <td><input checked="" type="checkbox"/> Organization List - ICS 203</td> <td><input checked="" type="checkbox"/> Medical Plan - ICS 206</td> <td><input checked="" type="checkbox"/> Air Operations</td> </tr> <tr> <td><input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204</td> <td><input checked="" type="checkbox"/> Incident Map</td> <td><input type="checkbox"/></td> </tr> <tr> <td><input checked="" type="checkbox"/> Communications Plan - ICS 205</td> <td><input type="checkbox"/> Traffic Plan</td> <td><input type="checkbox"/></td> </tr> </table>				<input checked="" type="checkbox"/> Organization List - ICS 203	<input checked="" type="checkbox"/> Medical Plan - ICS 206	<input checked="" type="checkbox"/> Air Operations	<input checked="" type="checkbox"/> Div. Assignment Lists - ICS 204	<input checked="" type="checkbox"/> Incident Map	<input type="checkbox"/>	<input checked="" type="checkbox"/> Communications Plan - ICS 205	<input type="checkbox"/> Traffic Plan	<input type="checkbox"/>
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9. Prepared by (Planning Section Chief) Jim Rupert		10. Approved by (Incident Commander) John Stegmeir										

Fire Weather Forecast

FORECAST NO: 3

NAME OF FIRE: CAVITY LAKE FIRE

PREDICTION FOR: Day Shift
SHIFT DATE: July 19 , Wednesday

UNIT: Superior National Forest
Signed: Byron Paulson
Incident Meteorologist

TIME AND DATE
FORECAST ISSUED: 1900 CDT 18, July 2006

WEATHER DISCUSSION:

...WINDY WITH A CHANCE OF THUNDERSTORMS...

Southwest winds will be gusty across northeast Minnesota today ahead of an approaching cold front. The inversion today will be weaker than yesterday. A few showers or thunderstorms will be possible as the front approaches and passes thru the area. Winds will turn to the west to northwest tonight as the front exits the area. A little cooler on Thursday with low humidity and gusty northwest to west winds. Dry again Friday under high pressure with less wind.

TODAY:

WEATHER: gusty southwest winds with a 30% chance of thunderstorms. Warm.

TEMPERATURES: High around 84.

HUMIDITY:
Above 50% until around 10am. Minimum 30 to 35%.

WINDS: All winds are 20 foot winds:
Southwest 10 mph early increasing to 12 to 16 mph during the morning. Gusts 20 to 25 mph. Winds becoming more west late in the day.

WINDS FOR AIROPS : 2000 feet AGL: Southwest to west 25 mph.

HAINES INDEX: 4 which is low.

TONIGHT:

WEATHER: Partly cloudy. A 30% chance of showers or thunderstorms mainly before midnight. Cooler.

TEMPERATURES: Lows 53 to 58.

HUMIDITY: 90%.
WINDS: West 10 to 15 mph in the evening becoming northwest 5 to 10 mph.

THURSDAY:

Breezy and cooler. Scattered cumulus clouds. High from 76 to 80. Minimum humidity from 28 to 33%. Wind northwest 10 to 15 mph with gusts to 20 mph.

THURSDAY NIGHT:

Clear to partly cloudy. Low from 50 to 55. Humidity recovery above 90%. Northwest wind decreasing to 5 mph or less.

EXTENDED FORECAST: FRIDAY AND SATURDAY

Friday....Partly cloudy. High from 75 to 80. Minimum humidity 31 to 36%. Wind northwest 8 to 12 mph.
Saturday...Partly cloudy. High 75 to 80. Wind west 10 mph.

Weather Yesterday	Max temp	Min RH
Seagull ICP	81	30%
Superior 1 RAWS near Sawbill Camp	81	39%
Superior 2 RAWS near Poplar Lake	85	28%
Fernberg RAWS	86	25%

FIRE BEHAVIOR FORECAST

FORECAST NUMBER: Three

TYPE OF FIRE: Wildfire

FIRE NAME: Cavity Lake

OPERATIONAL PERIOD: July 19, 2006

DATE ISSUED: July 18, 2006

TIME ISSUED: 1930

UNIT: Superior National Forest

SIGNED:

INPUTS

WEATHER SUMMARY:

Today: High temperature around 84 degrees. Humidity will stay above 50% until about 10:00. Minimum afternoon humidity 32 to 36%. Southwest winds will increase to 12-16 mph during the morning with gusts 20 to 25 mph. 30% chance of thunderstorms.

Tonight: Partly cloudy. Low temperature 53 to 58 degrees. Max. RH 90%. Wind west 10 to 15 in the evening becoming northwest 5 to 10 mph. 30% chance of showers and thunderstorms.

Thursday: Partly cloudy and breezy with scattered clouds. High temperature in the upper 70's. Minimum RH 29 to 34%. Northwest wind 10 to 15 with gusts to 20 mph.

OUTPUTS

FIRE BEHAVIOR

GENERAL:

Gusty winds today will push the fire to the northeast. Strong wind-driven runs in blow-down fuel is a possibility as the day progresses. Firebrands from torching trees will carry up to 1/2 mile. Probability of ignition is over 60%

SPECIFIC:

Division A: Fire will continue to smolder and creep with occasional flare-ups in heavier fuel and snags. Torching conifers will send firebrands up to 1/2 mile from islands exposed to the wind.

Divisions B: If fire jumps across yesterday's burn-out line, expect spread of 1/2 mile per hour through blow-down areas with extreme intensity. Flame lengths may exceed 50 feet at times. Spotting will occur over 1/3 mile ahead of the fire.

Division C: Backing fire in blow down will move slowly but steadily with total spread of about 1/4 mile by the end of the day. Even though fire will be backing against the wind over most of the Division, intensity will be extreme.

Division Z: Fire will move out of blow down and into mixed conifer/hardwood stands, with spread rates of 8 chains/hour at the head and 1 or 2 chains/hour along the flank. Expect flame lengths to 6 feet with frequent torching of conifers. Where fire encounters pockets of blow-down, intensity will quickly increase to extreme levels with 1/2 mph rates of spread. Firebrands will carry over 1/3 mile with the potential to spread fire east of Red Rock Lake and the narrows into Saganaga.

AIR OPERATIONS:

Wind at 2000 AGL will be south to southwest, sustained at 20 to 25 mph. Heavy smoke may limit operations at times.

SAFETY:

Forecast ERC for Wednesday: 41

Expect increased spotting and torching by mid-day. Spot fires will build quickly and become too intense to work without air support.

ORGANIZATION ASSIGNMENT LIST		9. Operations Section	
1. Incident Name CAVITY_LAKE_FIRE		Day	PETERSON, GREGORY
2. Date Prepared 07/18/06		Night	
3. Time Prepared 1731		a. Branch I - Division/Groups	
4. Operational Period 07/19/06 Wednesday Day Shift 0700 - 1900		Branch Director	
Position	Name	Deputy	
5. Incident Commander and Staff		Division A	PISAREK, BRIAN
Incident Commander	STEGMEIR, JOHN	Division B	CALVERT, VALDO
Deputy		Division C	
Safety Officer	GUCK, RONALD; BUNGE, LARRY	Division Z	EDGAR, JIM
Information Officer	SAGE, DAY(T); FIELDS	Division/Group	
Liaison Officer	SNETSINGER, DAVID	b. Branch II - Division/Groups	
6. Agency Representative		Branch Director	
Agency	Name	Deputy	
OMNR Liaison	Steve Hill	Structure Protection Group	LYNCH, THOMAS (night)
		Structure Protection Group	OLSON, TERRY (day)
		Public Safety Group	KAFFINE, TOM
		Division/Group	
		Division/Group	
7. Planning Section		c. Branch III - Division/Groups	
Chief	RUPERT, JIM	Branch Director	
Deputy		Deputy	
Resources Unit	MORITZ, DEBORA	Division/Group	
Situation Unit	MELL, RANDALL	Division/Group	
Documentation Unit		Division/Group	
Demobilization Unit	DRIMEL, JON (t)	Division/Group	
Fire Behavior Analyst	MIEDTKE, DOUG	Division/Group	
Human Resource Specialist		d. Air Operations Branch	
Training Specialist		Air Operations Branch Director	
GIS Specialist	HOLMAN, DARRYL	Helibase Manager	
Computer Specialist		Air Attack Supervisor	
Meteorologist	PAULSON, BYRON	Air Support Supervisor	WALLIN, KEYTH
		Helicopter Coordinator	
8. Logistics Section		Air Tanker Coordinator	
Chief	CIHLAR, DUANE	10. Finance Section	
Deputy		Chief	MILES, BRENDA
Supply Unit	BRUSS, LINDA	Deputy	OBRIEN, KEVIN (t)
Facilities Unit	CAMERON, DENNIS	Time Unit	KELLY, JOHN
Ground Support Unit	SEGER, MARK	Procurement Unit	
Communications Unit	WILLIS, PETER	Compensation/Claims Unit	
Medical Unit	BAJDA, JOHN	Cost Unit	
Security Unit		Prepared by (Resource Unit Leader)	
Food Unit		Deb Moritz	

INCIDENT RADIO COMMUNICATIONS PLAN

ICS - 205

1. INCIDENT NAME

Cavity Lake Fire

2. PREPARED

DATE 7/18/06

TIME

3. OPERATION PERIOD DATE 7/19/06

4. TME

SYSTEM/CACHE	CHANNEL	FUNCTION	FREQUENCY	ASSIGNMENT	REMARKS
NIFC	1	TAC 1	168.050	Division A	Medical emergencies will be handled on the command net.
NIFC	2	TAC 2	168.200	Division B	
NIFC	3	TAC 3	168.600	Division Z Structure Protection	
NIFC	4	Command Repeater C-2	RX 168.100 TX 170.450	North Command	Use on Divisions A & Z
NIFC	5	Command Repeater C-1	Rx 168.7000 Tx 170.9750	South Command	Use for Structure Protection & Div B
NIFC	6	Superior NF – Gunflint Repeater	RX 169.925 TX 170.525	Back up command	
			tone 110.9		
NIFC	7	Superior NF – simplex	RX 169.925 TX 169.925	Local simplex	
NIFC	8				
NIFC	9	Cook County Sheriff	RX 158.730 tone D743 TX 155.985 tone D627		Emergency contact only
NIFC	10	Gunflint EMS	RX 155.790 tone 167.9 TX 154.950 tone 186.2		Emergency contact only
NIFC	11	Deck		164.1375	
NIFC	12	Air- Ground	Aerial Ignition	169.150	
NIFC	13	Air to Ground		169.200	
NIFC	14	Air Guard		168.625	Use for Emergency Aircraft Contact Only

Only frequencies appearing on this plan are approved for use on this incident. All frequencies are Narrow Band except Cook Co. Sheriff and Gunflint EMS

5. PREPARED BY (COMMUNICATIONS UNIT)

Air to Air 122.425

Cavity Lake Fire Phone List

ICP – Communications	218-388-0878
Information	218-388-0859 218-260-4124
Ordering	218-260-4132
Fax	218-388-0632
GIS	218-260-4126
Medical Unit	218-260-4130
Plans	218-388-0689
Finance	218-388-0869
Fax	218-388-2219
Liaison	218-260-4127
Helibase	218-244-2802
Gunflint Ranger District	218-387-1750
Seagull Guard Station –non-incident #	218-388-2215
Superior Dispatch	218-327-4175
Kawishawa District	218-365-7600
Fire Management office	218-365-7625
Cook County Sheriff	218-387-3030
Emergency Management- Nancy Koss	218-387-3059
Lake County Dispatch	218-834-8385

MEDICAL PLAN	1. Incident Name Cavity Lake Fire	1. Date Prepared 7/18	1. Time Prepared 1800	1. Operational Period 7/19/06 day			
5. Incident Medical Aid Station							
Medical Aid Stations	Location			Paramedics Yes No			
Sea Gull Ranger Gd. St. ICP	Sea Gull Guard Station						
Roving EMT's in Boat	Sea Gull Lake						
6. Transportation							
A. Ambulance Services							
Name	Address	Phone	Paramedics Yes No				
Gunflint Ambulance	Gunflint	218-387-3030 or 911		x			
Cook Co. Ambulance	Grand Marais	218-387-3030 or 911		x			
Lukes I (Air)	Duluth	800-824-5773	x				
Life Flight(Air)	Duluth	800-447-5540	x				
SP Helicopter Bell 407 #118OP (Rappelling)	Ely Air Attack Base	218-365-4831	x				
B. Incident Ambulances							
Name	Location		Paramedics Yes No				
NONE							
7. Hospitals							
Name	Address	Travel Time AirGround		Phone	Helipad YesNo	Burn Center Y	
Sawtooth Med. Clinic	Sawbill & 5 th Grand Marais		1hr	218-387-2330	na		
North Shore Hosp.	Sawbill & 5 th Grand Marais		1hr	218-387-3269	x		x
St. Mary's	Duluth	1hr	2-3	218-7864357	x		x
St. Luke's	Duluth	1hr	2-3	218-249-5555	x		x
Miller-Dwan	Duluth	1hr	2-3		x		x
8. Medical Emergency Procedures							
<p>For Line emergency, notify direct supervisor and DIVS of emergency with description(Illness-injury)</p> <p>DIVS contact ICP communication and EMT's in area of emergency for assistance.</p> <p>Communications contact MEDL/OPS/SOF of Medical Emergency. MEDL with DIVS determine transportation Mode.</p> <p>MEDL to arrange for transportation</p>							
Prepared by (Medical Unit Leader) John Bajda				10. Reviewed by (Safety Officer) Ron Guck			

Air Operations Summary				Prepared by Keyth Wallin				Date Prepared 07/18/06		Time Prepared 2100			
1. Incident Name CAVITY_LAKE_FIRE				2. Operational Period 07/19/06 Wednesday Day Shift 0700 - 1900				Sunrise		Sunset			
3. REMARKS (Safety Notes, Hazards, Air Operations Special Equipment, etc.):								4. MEDEVAC AIRCRAFT:		5. TFR:			
TFR in place over Gunflint Corridor Make sure your gridmap is current date										Altitude 4000'			
6. PERSONNEL		Phone #		7. FREQUENCY		AM/RX	FM/TX	8. FIXED-WING		# Avail/Type/Make-Model/FAA#/Base(s)			
AOBD	Keyth Wallin			Air/Air Fw:	122.425			Airtankers	2 CL-215 T-264;T-267 Ely				
ATGS	Mark Beckwith	218-370-0904							2 CL-215 T-264;T-267 Ely				
	Dennis Danzl	218-380-0678		Air / Ground		169.200		Leadplanes	2 CL-215 T-263;T-266 Hibb				
ASGS	Mike Eilers			Command	168.700			Base FAX#:	Bird Dog 152 Thunder Bay				
HEBM		218-244-2802		Command Rpt	168.700	170.975		ATGS Aircraft	1-78E-Cavity Airattack G. Marai				
				Deck		164.1375			1-78E-Cavity Airattack G.M.				
								Other	1 Superior Airattack Ely				
									3 Beaver Ely				
9. HELICOPTERS (Use additional Sheets As Necessary)													
FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
905CH	1	Sikorsky	CKC	0800	0900	Bucketwork							
	1	Kaman	CKC	1000		Bucketwork							
Guard	1	Blackhawk	CKC	0800		Bucketwork							
519EH	3												

Air Operations Summary						Prepared by Keyth Wallin				Date Prepared 07/18/06		Time Dawned 2100	
1. Incident Name CAVITY_LAKE_FIRE						2. Operational Period 07/19/06 Wednesday Day Shift 0700 - 1900				Sunrise		Sunset	
9. HELICOPTERS (Continued)													
FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS	FAA N#	TY	MAKE/MODEL	BASE	AVAIL	START	REMARKS
10. TASK/MISSION/ASSIGNMENT (Type/Function Includes: Air Tactical, Retardant, Recon, Personnel Transport, Water Dropping, S&&R, etc.)													
TYPE/FUNCTION										MISSION START	FLY FROM	FLY TO	
Recon		Beaver								0800	Ely	DP-3 Sea Island	
Tactical		Cavity Air Attack								0830	CKC		
Suppression		Helicopter 905, Kaman, Guard								as needed	CKC	Div Z priority	
Suppression		CL-415, Bird dog 152 if available								when available	Thunder Bay	NW End of fire	
Suppression		T-264; T-267 strengthen pinch points along Div B								as needed	Ely	Div B	
Logistic		9EH; Helitac Develop helispots for instertion on Div B								1000	Larch	Div B	
Ignition		9EH be prepared for Premo operation if necessary											

HEALTH AND SAFETY MESSAGE

SAFETY starts with ***YOU***

We are **ALL** accountable for **SAFE** behaviors

INCIDENT: Cavity Lake Fire

DATE: July 19, 2006

Oper. Period: 0700-1900

Major Hazards and Risks:

1. Hazard Trees 2. Driving 3. Fire Behavior 4. Limited Communications

Fire Order of the Day – **Retain** control at all times

Narrative: Stay alert and communicate. If you cannot make contact move to another location and try again. Remember to look up, look down, and look around. Situational awareness will keep you and your crew safe only if you utilize the process. Follow directions and give directions when and where necessary. Be a leader, speak up when you have a problem. Safety is everyone's responsibility. Fire is a powerful force and it can and will harm you if you don't give it the respect it deserves. Driving and hazard tree accidents are far more numerous than burnovers but giving one form of accident credit and not recognizing the others for their potential harm is unacceptable. Keep radio traffic short and to the point. Have a safe day!

Watch Out Situation of the Day



7. NO COMMUNICATION LINK WITH CREW MEMBERS/SUPERVISOR

LCES

**LOOKOUT, COMMUNICATION,
ESCAPE ROUTE, SAFETY ZONE**

Pronunciation:

Luk aut, Ca mun i que shi on,
Es quep Ra out, Saef ti Zon

MCEZ

**MIRADOR, COMUNICACION,
RUTA DE ESCAPE, ZONA DE SEGURIDAD**

Pronunciacion:

Mee rah door, Co moon ee kah see eon,
Roo tah de Es cah peh, Zoe nah de Seh gur ee dahd

Incident Safety Officer: _____